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Appl. No. 10/634,939
Amtd. dated December 22, 2006
Reply to Office Action of October 23, 2006
Attorney Docket 17398

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (previously presented) Cooling equipment for an excavator, having a longitudinal axis of symmetry identifying two directions of preferential movement; said equipment comprising at least one air intake, a duct for delivery of the air to a radiator for cooling of coolant liquids, and a fan operable to send a flow of incoming air from said at least one air intake to said radiator through said delivery duct for providing the desired cooling of the coolant liquid; wherein that said at least one air intake is positioned in a way substantially perpendicular to a flow of air drawn in during the forward movement of said excavator, wherein that said radiator is positioned in a manner substantially tangential to said flow of air; and further wherein a further air intake is provided in said delivery duct downstream of said at least one air intake; said further air intake being shielded from the air coming from said at least one air intake by a deflector.
2. (previously presented) Cooling equipment as described in claim 1, wherein said delivery duct extends substantially in the longitudinal direction of the excavator.
3. (previously presented) Cooling equipment as described in claim 2, wherein said at least one air intake is positioned at a front portion of the excavator bodywork whereas the radiator is located at a rear portion thereof.
4. (previously presented) Cooling equipment as described in claim 3, wherein an outer, lateral side of said delivery duct is formed by a side bonnet panel of the excavator bodywork.

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5. (currently amended) Cooling equipment for an excavator having a longitudinal axis of symmetry identifying two directions of preferential movement; said equipment comprising at least one air intake, a duct for delivery of the air to a radiator for cooling of coolant liquids, said radiator having a cooling face parallel to the longitudinal axis of symmetry, and a fan operable to send a flow of incoming air from said at least one air intake to said radiator, through said delivery duct, for providing the desired cooling of the coolant liquid; and wherein that said at least one air intake is positioned in a way substantially perpendicular to a flow of air drawn in during the forward movement of said excavator, and in that said radiator is positioned in a manner substantially tangential to said flow of air;
wherein said delivery duct extends substantially in the longitudinal direction of the excavator;
wherein said at least one air intake is positioned at a front portion of the excavator bodywork whereas the radiator is located at a rear portion thereof;
wherein an outer, lateral side of said delivery duct is formed by a side bonnet panel of the excavator bodywork; and
wherein at least part of said side bonnet panel is pivotable to an open position for exposing the radiator and parallel to said cooling face.

6. (original) Cooling equipment as described in claim 5, wherein said delivery duct comprises:

a first duct portion contiguous to said at least one air intake and having a longitudinal axis which is substantially parallel to said axis of symmetry; and
a second duct portion contiguous to said radiator and having a longitudinal axis which is substantially transverse to said axis of symmetry.

7. (previously presented) Cooling equipment as described in claim 6, wherein at least one air intake is located on a forwardly extending box-shaped element, which forms an integral part of the bodywork of the excavator.

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8. (previously presented) Cooling equipment described in claim 7, wherein said box-shaped element serves as a battery housing for the excavator.

9. (original) Cooling equipment described in claim 8, further comprising a fuel tank that is housed alongside said radiator, an outer wall of said fuel tank delimiting a part of said delivery duct.

10. (currently amended) Cooling equipment described in claim 9, Cooling equipment for an excavator having a longitudinal axis of symmetry identifying two directions of preferential movement; said equipment comprising at least one air intake, a duct for delivery of the air to a radiator for cooling of coolant liquids, a fan operable to send a flow of incoming air from said at least one air intake to said radiator, through said delivery duct, for providing the desired cooling of the coolant liquid, and a fuel tank housed alongside said radiator;

wherein said at least one air intake is positioned in a way substantially perpendicular to a flow of air drawn in during the forward movement of said excavator, and in that said radiator is positioned in a manner substantially tangential to said flow of air;

wherein said delivery duct extends substantially in the longitudinal direction of the excavator;

wherein said at least one air intake is positioned at a front portion of the excavator bodywork whereas the radiator is located at a rear portion thereof;

wherein an outer, lateral side of said delivery duct is formed by a side bonnet panel of the excavator bodywork; and further wherein at least part of said side bonnet panel is pivotable to an open position for exposing the radiator wherein said delivery duct comprises;

a first duct portion contiguous to said at least one air intake and having a longitudinal axis which is substantially parallel to said axis of symmetry; and

a second duct portion contiguous to said radiator and having a longitudinal axis which is substantially transverse to said axis of symmetry wherein at least one air intake is located on a forwardly extending box-shaped element, which forms an

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integral part of the bodywork of the excavator wherein said box-shaped element

serves as a battery housing for the excavator;

wherein an outer wall of said fuel tank delimiting a part of said delivery duct;

and

wherein a further air intake is provided in said delivery duct downstream of
said at least one air intake; said further air intake being shielded from the air coming
from said at least one air intake by a deflector.